

World Class Water Services Company

# Korea Water Resources Cooperation (KOWACO)

2005. 11

물, 자연 그리고 사람

한국수자원공사

## History of KOWACO

Water, Nature and People

**Initial Stage**  
(1967-1974)

**Korea Water Resources Development Corporation**

- Water Resources Investigation
- Dam Construction & Management

**Takeoff Stage**  
(1974-1988)

**Industrial Sites and Water Resources Development Corporation**

- Water Resources Investigation
- Construction & Management of Dams
- Land Development

**Growth Stage**  
(1988-Present)

**Korea Water Resources Corporation**

- Water Resources Investigation
- Dam Construction & Management
- Land Development
- Water Supply & Waste Water Treatment

KOWACO

# Facilities Location

Water, Nature and People

## ❖ Operating Facilities

- 14 Multipurpose Dams: 4.4B m<sup>3</sup>/yr
- 27 Water Supply Systems: 2.8B m<sup>3</sup>/yr

## ❖ Human Resources

- 3,900 employees highly dedicated and specialized in various water-related fields



# Business Areas

Water, Nature and People



## ➢ Water Resources and River Basin Management

- Management of Multipurpose dams (25)
- Construction of new dams (12)



## ➢ Water supply services

- Management of Water supply facilities (27)
- Construction (17)



## ➢ National Industrial Complex

- Developed 13 Industrial complexes including Gumi, Changwon etc.
- Development of Shihwa Multi-techno Valley

KOWACO

# Business Areas

Water, Nature and People



## ➤ Research and Development

- R&D in water-related areas for KOWACO and the country
- High quality drinking water service by securing internationally recognized analytical expertise



## ➤ Education

- Education service for KOWACO and government employees
- Training for International Experts



## ➤ Oversees Services

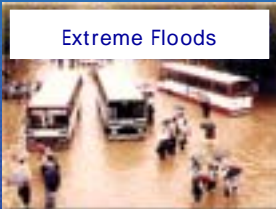
- Technical Supports for developing countries
  - Water resources
  - Water works

KOWACO

# New Paradigm in Water Management

○ Challenges in water management

Extreme Floods



Severe Draught



Worsening Water Pollution

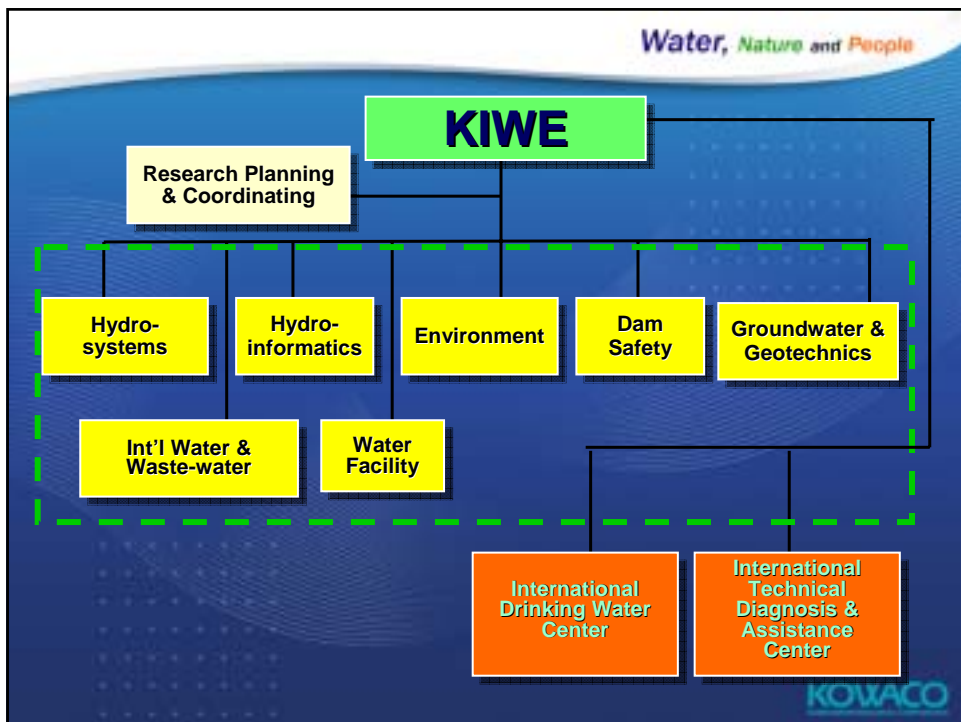


Requiring New Paradigm in Water Management  
“Water Resources with Water, Nature and People”  
through IWRM

KOWACO

# Korea Institute of Water and Environment

Center for Research and Development



- Main Tasks

- Research and development
- Technical support for field operation
- Technical support and diagnosis of water works
- International service for drinking water analysis

- Human Resources

	<i>Doctor</i>	<i>Master</i>	<i>P.E.</i>	<i>Others</i>
<i>Total</i>	74	103	10	70



# KOWACO

## Water Resources Academy

- To Be Global Top Class Academy  
Specialized in Water and Environment
- To Foster Creative Competent Employees  
Leading the Future of the 21<sup>st</sup> Century

# Training Programs Offered by KWRA

## ➤ Training Programs :

- Water Resources Management, Dam Planning and Construction, IWRM and Hydroinformatics, Dam and Reservoir Operation, Groundwater Management, Drinking Water Management , Waterworks System Design, Drinking Water Treatment

## ➤ Training for the Staff of KOWACO, Government and Private Companies

## ➤ Training for International Customers (since 1997)

- Over 300 Trainees from 45 countries

# Facilities

- Classrooms: 7 (288)
- Library
- Study Rooms
- Auditorium: 1 (306)
- Dormitory: 66 rooms
- Cafeteria: 1 (150)
- Fitness Facilities



Thank you!

